

**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
REGION 5**

**IN THE MATTER OF:**

**General Motors, LLC  
2369 Ellsworth-Bailey Road  
Lordstown, Ohio 44481**

**ATTENTION:**

**Gerald King  
Senior Environmental Engineer**

**Request to Provide Information Pursuant to the Clean Air Act**

The U.S. Environmental Protection Agency is requiring General Motors, LLC ("General Motors" or "Facility") to submit certain information about the facility at 2369 Ellsworth-Bailey Road, Lordstown, OH 44481. Appendix A provides the instructions needed to answer this information request, including instructions for electronic submissions. Appendix B specifies the information that you must submit. You must send this information to us within 45 calendar days after you receive this request.

We are issuing this information request under Section 114(a) of the Clean Air Act (the CAA), 42 U.S.C. § 7414(a). Section 114(a) authorizes the Administrator of EPA to require the submission of information. The Administrator has delegated this authority to the Director of the Air and Radiation Division, Region 5.

General Motors owns and operates emission sources at the Lordstown, Ohio facility. We are requesting this information to determine whether your emission sources are complying with the Clean Air Act.

General Motors must send all required information to:

Attn: Compliance Tracker, AE-17J  
Air Enforcement and Compliance Assurance Branch  
U.S. Environmental Protection Agency  
Region 5  
77 W. Jackson Boulevard  
Chicago, Illinois 60604

General Motors must submit all required information under an authorized signature with the following certification:

I certify under penalty of law that I have examined and am familiar with the information in the enclosed documents, including all attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are, to the best of my knowledge and belief, true and complete. I am aware that there are significant penalties for knowingly submitting false statements and information, including the possibility of fines or imprisonment pursuant to Section 113(c)(2) of the Clean Air Act and 18 U.S.C. §§ 1001 and 1341.

As explained more fully in Appendix C, you may assert a claim of business confidentiality under 40 C.F.R. Part 2, Subpart B, for any part of the information you submit to us. Information subject to a business confidentiality claim is available to the public only to the extent, and by means of the procedures, set forth at 40 C.F.R. Part 2, Subpart B. If you do not assert a business confidentiality claim when you submit the information, EPA may make this information available to the public without further notice. You should be aware, moreover, that pursuant to Section 114(c) of the CAA and 40 C.F.R. § 2.301(a) and (f), emissions data, standards, and limitations are not entitled to confidential treatment and shall be made available to the public notwithstanding any assertion of a business confidentiality claim. Appendix C provides additional information regarding the meaning and scope of the term "emissions data."

This information request is not subject to the Paperwork Reduction Act, 44 U.S.C. § 3501 *et seq.*, because it seeks collection of information from specific individuals or entities as part of an administrative action or investigation.

We may use any information submitted in response to this request in an administrative, civil, or criminal action.

Failure to comply fully with this information request may subject General Motors to an enforcement action under Section 113 of the CAA, 42 U.S.C. § 7413.

You should direct any questions about this information request to Cindy Schafer at (312) 353-3018.

\_\_\_\_\_  
Date

3/16/16

\_\_\_\_\_  
George T. Czerniak  
Director  
Air and Radiation Division

## **Appendix A**

When providing the information requested in Appendix B, use the following instructions and definitions.

### **Instructions**

1. Provide a separate narrative response to each question and subpart of a question set forth in Appendix B.
2. Precede each answer with the number of the question to which it corresponds and at the end of each answer, identify the person(s) who provided information used or considered in responding to that question, as well as each person consulted in the preparation of that response.
3. Provide on each document produced, or in some other reasonable manner, the number of the question to which it corresponds.
4. When a response is provided in the form of a number, specify the units of measure of the number in a precise manner.
5. Where information or documents necessary for a response are neither in your possession nor available to you, state in your response why the information or documents are not available or in your possession, and identify any source that either possesses or is likely to possess the documents or information.
6. If information not known or not available to you as of the date of submission later becomes known or available to you, you must supplement your response. Moreover, should you find at any time after the submission of your response that any portion of the submitted information is false or incorrect, you must notify EPA as soon as possible.

### **Electronic Submissions**

To aid in our electronic recordkeeping efforts, we request that you provide all documents responsive to this information request in an electronic format according to paragraphs 1 through 6, below. These submissions are in lieu of hard copy.

1. Provide all responsive documents in Portable Document Format (PDF) or similar format, unless otherwise requested in specific questions. If the PDFs are scanned images, perform at least Optical Character Recognition (OCR) for "image over text" to allow the document to be searchable. Submitters providing secured PDFs should also provide unsecured versions for EPA use in repurposing text.
2. When specific questions request data in electronic spreadsheet form, provide the data and corresponding information in editable Excel or Lotus format, and not in image format. If Excel or Lotus formats are not available, then the format should

allow for data to be used in calculations by a standard spreadsheet program such as Excel or Lotus.

3. Provide submission on physical media such as compact disk, flash drive or other similar item.
4. Provide a table of contents for each compact disk or flash drive containing electronic documents submitted in response to our request so that each document can be accurately identified in relation to your response to a specific question. *We recommend the use of electronic file folders organized by question number.* In addition, each compact disk or flash drive should be labeled appropriately (e.g., Company Name, Disk 1 of 4 for Information Request Response, Date of Response).
5. Documents claimed as confidential business information (CBI) must be submitted on separate disks/drives apart from the non-confidential information. This will facilitate appropriate records management and appropriate handling and protection of the CBI. Please follow the instructions in Appendix C for designating information as CBI.
6. Certify that the attached files have been scanned for viruses and state what program was used.

#### **Definitions**

All terms used in this information request have their ordinary meaning unless such terms are defined in the CAA, 42 U.S.C. §§ 7401 *et seq.*

1. The terms "document" and "documents" shall mean any object that records, stores, or presents information, and includes writings, memoranda, records, or information of any kind, formal or informal, whether wholly or partially handwritten or typed, whether in computer format, memory, or storage device, or in hardcopy, including any form or format of these. If in computer format or memory, each such document shall be provided in translation to a form useable and readable by EPA, with all necessary documentation and support. All documents in hard copy should also include attachments to or enclosures with any documents.
2. The terms "relate to" or "pertain to" (or any form thereof) shall mean constituting, reflecting, representing, supporting, contradicting, referring to, stating, describing, recording, noting, embodying, containing, mentioning, studying, analyzing, discussing, evaluating or relevant to.

## **Appendix B**

### **Information You Are Required to Submit to EPA**

General Motors must submit the following information pursuant to Section 114(a) of the CAA, 42 U.S.C. § 7414(a) for its Lordstown assembly plant located at 2369 Ellsworth-Bailey Road, Lordstown, OH ("the Facility").

1. Identify and describe in a chronologically-organized table, all projects that expended greater than \$100,000 commenced at the emission units and process equipment at the Paint Shop from January 1, 2011 until the present. This should include, but not be limited to, capital expenditures associated with the addition of robotic spray guns to the painting lines. If General Motors received a permit for the project, state the permit number. This list must contain the following information:
  - a. Approximate date each project commenced;
  - b. The date each project was completed or implemented;
  - c. The date the Facility (or any units therein) returned to operation after each project; and
  - d. A brief description of each project that identifies the work completed, the dollar amount approved, and the dollar amount expended.
2. For each project(s) identified in response to Question 1, provide copies of all documents that describe the scope, purpose, and/or justification for the project(s). These documents should include information that clearly identifies what equipment, parts, units, or processes were added, replaced, repaired, or modified. If no such documentation exists, provide a narrative that includes this information.
3. For each project(s) identified in response to Question 1, provide copies of all capital appropriation requests, financial justifications, and authorizations, including attachments and addenda, generated by or prepared on behalf of General Motors concerning each such project.
4. Provide any and all correspondence with Ohio Environmental Protection Agency (OEPA) relating to the project(s) identified in response to Question 1, including but not limited to permits, permit applications, letters, and meeting notes or minutes.
5. Provide any calculations performed to predict changes in air emissions for each project identified in response to Question 1.
6. For the period from January 1, 2011 to present, for each emission unit located in the Paint Shop at the Facility, provide a list of the dates of all complete or partial air emissions testing for all units for particulate matter, including filterable and condensable particulate matter (PM) as defined at 40 C.F.R. § 60.2, hazardous air

pollutants (HAPs) as defined at 40 C.F.R. § 63.2, and volatile organic compounds (VOCs) as defined 40 C.F.R. § 60.2. Emission testing includes, but is not limited to, compliance testing, engineering testing, and testing for general information. For each emission test, provide copies of the results summary page(s) and the emission unit operating parameters page(s).

7. For each VOC emission control device located in the Paint Shop at the Facility, identify which emission unit(s) it serves and provide a spreadsheet, in Microsoft Excel or compatible format, with the daily average value for each relevant operating parameter (e.g., for a thermal oxidizer, provide the daily average temperature) for the period from January 1, 2011 to present.
8. For the period from January 1, 2011 to present, provide the following information in Microsoft Excel or compatible format:
  - a. Number of cars (completed autos) produced per month at the Facility;
  - b. Amount of coating usage (gallons) for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027 for each day;
  - c. VOC emission rates for each day for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027 in pounds of VOC per gallon of solids applied and in pounds of VOC;
  - d. HAP emission rates for each day for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027 in pounds of HAP per gallon of solids applied per month, determined according to 40 C.F.R. § 63.3171;
  - e. 12-month rolling sum PM emissions for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027;
  - f. 12-month rolling sum PM<sub>10</sub> emissions for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027;
  - g. 12-month rolling sum PM<sub>2.5</sub> emissions for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027;
  - h. 12-month rolling sum VOC emissions for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027;
  - i. Production hours per day for the units identified in Title V Permit No. P0110272 as K017, K025, K026, and K028, and the unit identified in Permit-To-Install No. P0119658 as K027;
  - j. For items c. to f., provide the emission factor and the emission factor source used in the calculation; and

- k. For items c. to h., provide an example of the calculation methodology used including emission factors, transfer efficiencies, and control efficiencies used.
- 9. Provide the dates of initial construction and start-up of all emission units in the Paint Shop at the Facility, and where appropriate, provide the date of modification of each such emission unit.
- 10. Provide a spreadsheet in Microsoft Excel or other compatible format that includes the following information on the fossil-fuel-fired boilers at the Facility:
  - a. The emission unit identification number;
  - b. The date operation commenced;
  - c. The original design and current maximum steam flow output capacity in pounds of steam per hour;
  - d. The current operating status of each unit and, for any unit retired or inactive, the applicable date or year of retirement or inactivity;
  - e. Current fuel(s) being fired;
  - f. Type of emissions control and pollutants controlled, if any;
  - g. For any emissions controls, the year installed;
  - h. For any emissions controls, the capture and collection or destruction efficiencies; and
  - i. For any unit for which the heat input, steam flow, or generating capacity increased from the original design, the dates such increases occurred and a description of the physical or operational changes that resulted in such increase.
- 11. For all boilers identified in response to Question 11, provide a spreadsheet in Microsoft Excel or other compatible format that includes the following data for each month for the period from January 1, 2011 to present:
  - a. Amount of fuel used, separated for each individual fuel;
  - b. Total heat input (MMBtu);
  - c. Total steam produced (lbs);
  - d. Hours of operation of each boiler; and
  - e. A description of the data and methodology used in calculating items a. through c.
- 12. Provide copies of all documents submitted to OEPA or EPA regarding transfer efficiency testing and transfer efficiency rates for all coating operations at the Facility, including test reports. If testing was conducted because of a change in the operating conditions, identify the change(s) that triggered the testing.



## **Appendix C**

### **Confidential Business and Personal Privacy Information**

#### **Assertion Requirements**

You may assert a business confidentiality claim covering any parts of the information requested in the attached Appendix B, as provided in 40 C.F.R. § 2.203(b).

Emission data provided under Section 114 of the CAA, 42 U.S.C. § 7414, is not entitled to confidential treatment under 40 C.F.R. Part 2.

“Emission data” means, with reference to any source of emissions of any substance into the air:

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of any emission which has been emitted by the source (or of any pollutant resulting from any emission by the source), or any combination of the foregoing;

Information necessary to determine the identity, amount, frequency, concentration or other characteristics (to the extent related to air quality) of the emissions which, under an applicable standard or limitation, the source was authorized to emit (including to the extent necessary for such purposes, a description of the manner and rate of operation of the source); and

A general description of the location and/or nature of the source to the extent necessary to identify the source and to distinguish it from other sources (including, to the extent necessary for such purposes, a description of the device, installation, or operation constituting the source).

40 C.F.R. § 2.301(a)(2)(i)(A), (B), and (C).

To make a confidentiality claim, submit the requested information and state that you are making a claim of confidentiality. Any document for which you make a claim of confidentiality should be marked by attaching a cover sheet stamped or typed with a caption or other suitable form of notice to state the intent to claim confidentiality. The stamped or typed caption or other suitable form of notice should employ language such as “trade secret” or “proprietary” or “company confidential” and provide a date, if any, when the information should no longer be treated as confidential. Information covered by such a claim will be disclosed by EPA only to the extent permitted and by means of the procedures set forth at Section 114(c) of the CAA and 40 C.F.R. Part 2. Allegedly confidential portions of otherwise non-confidential documents should be clearly identified. EPA will construe the failure to furnish a confidentiality claim with your response to the Request to Provide Information as a waiver of that claim, and the information may be made available to the public without further notice to you.

## Determining Whether the Information is Entitled to Confidential Treatment

All confidentiality claims are subject to EPA verification and must be made in accordance with 40 C.F.R. § 2.208, which provides in part that you must satisfactorily show that you have taken reasonable measures to protect the confidentiality of the information and that you intend to continue to do so; that the information is not and has not been reasonably obtainable by legitimate means without your consent and that disclosure of the information is likely to cause substantial harm to your business's competitive position.

Pursuant to 40 C.F.R. Part 2, Subpart B, EPA may at any time send you a letter asking that you support your confidential business information (CBI) claim. If you receive such a letter, you must respond within the number of days specified by EPA. Failure to submit your comments within that time would be regarded as a waiver of your confidentiality claim or claims, and EPA may release the information. If you receive such a letter, EPA will ask you to specify which portions of the information you consider confidential **by page, paragraph, and sentence**. Any information not specifically identified as subject to a confidentiality claim may be disclosed to the requestor without further notice to you. For each item or class of information that you identify as being CBI, EPA will ask that you answer the following questions, giving as much detail as possible:

1. For what period of time do you request that the information be maintained as confidential, e.g., until a certain date, until the occurrence of a special event, or permanently? If the occurrence of a specific event will eliminate the need for confidentiality, please specify that event.
2. Information submitted to EPA becomes stale over time. Why should the information you claim as confidential be protected for the time period specified in your answer to question number 1?
3. What measures have you taken to protect the information claimed as confidential? Have you disclosed the information to anyone other than a governmental body or someone who is bound by an agreement not to disclose the information further? If so, why should the information still be considered confidential?
4. Is the information contained in any publicly available databases, promotional publications, annual reports or articles? Is there any means by which a member of the public could obtain access to the information? Is the information of a kind that you would customarily not release to the public?
5. Has any governmental body made a determination as to confidentiality of the information? If so, please attach a copy of the determination.
6. For each category of information claimed as confidential, **explain with specificity** why release of the information is likely to cause substantial harm to your competitive position. Explain the specific nature of those harmful effects, why they should be viewed as substantial and the causal relationship between disclosure and such harmful effects. How could your competitors make use of this information to your detriment?

7. Do you assert that the information is submitted on a voluntary or a mandatory basis? Please explain the reason for your assertion. If you assert that the information is voluntarily submitted information, explain whether and why disclosure of the information would tend to lessen the availability to EPA of similar information in the future.
8. Is there any other information you deem relevant to EPA's determination regarding your claim of business confidentiality?

If you receive a request for a substantiation letter from the EPA, **you bear the burden of substantiating your confidentiality claim.** Conclusory allegations will be given little or no weight in the determination. In substantiating your CBI claim(s), you must bracket all text so claimed and mark it "CBI." Information so designated will be disclosed by EPA only to the extent allowed by and by means of the procedures set forth in 40 C.F.R. Part 2, Subpart B. If you fail to claim the information as confidential, it may be made available to the public without further notice to you.

#### **Personal Privacy Information**

Please segregate any personnel, medical and similar files from your responses and include that information on a separate sheet(s) marked as "Personal Privacy Information." Disclosure of such information to the general public may constitute an invasion of privacy.

**CERTIFICATE OF MAILING**

I, Kathy Jones, certify that I sent a Request to Provide Information Pursuant to the Clean Air Act by Certified Mail, Return Receipt Requested, to:

Gerald King  
GM Lordstown  
2369 Ellsworth-Bailey Road  
Lordstown, Ohio 44481

I also certify that I sent a copy of the Request to Provide Information Pursuant to the Clean Air Act by First-Class Mail to:

Ed Fasko, APC Manager  
Northeast District Office, Ohio EPA  
2110 E. Aurora Rd,  
Twinsburg, OH 44087

Tara Cioffi, Administrator  
Mahoning-Trumbull APC Agency  
345 Oak Hill Ave., Suite 200  
Youngstown, OH 44502

On the 17<sup>th</sup> day of March 2016.



Kathy Jones, Program Technician  
AECAB, PAS

CERTIFIED MAIL RECEIPT NUMBER: 7614 2870 0001 9577 7524